



Solar Cooling®

Solar Powered
Air Conditioning

June 2009

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Mission

To make
sustainable Global energy supply
possible
by applying ClimateWell's unique
heating and cooling technology



ClimateWell – the solar powered Air Conditioner

Key technical characteristics

No electrical consumption for the cooling process

Electric COP of the whole product = 333!

Integrated energy storage in a dry salt

Totally silent

No refrigerants

Developed to work with normal Solar Thermal Collectors



The ClimateWell group

ClimateWell's proprietary technology – 3 *state absorption* – is patented worldwide



- Stockholm, Sweden: Corporate HQ
- Madrid, Spain: Sales office and show-house
- Soria, Spain: Manufacturing plant
- Turnstone, New Dehli, India: Licensee partner



Partners and references



Awards and global recognition for ClimateWell

Year

2005

First prize at the International Solar Cooling® conference in Germany. Award granted by Otti and Fraunhofer.



2006

First prize from the Solar Thermal energy association in Sweden.



2007

Technology pioneer 2007 award granted by the World Economic Forum in Davos.



Second prize in "CSR (Corporate social responsibility) entrepreneur of the year 2007" granted by the Globe Forum.



VISIONS: Good practice for Solar Cooling® award for ClimateWell's Show-house in Madrid



Year

2007

CEO Per Olofsson nominated by European Voice (The Economist), to the awards "Business leader of the year" and "European of the year".



Award "Premios Medio Ambiente" granted på business newspaper Expansión, Garrigues and CISS. 2007



2008

2nd prize granted to CTO Göran Bolin to the prestigious innovation award "Stora Teknikpriset" in Sweden.



Nomination to SACC Deloitte Green Award 2008 Swedish "green" entrepreneurship in the U.S. Market.



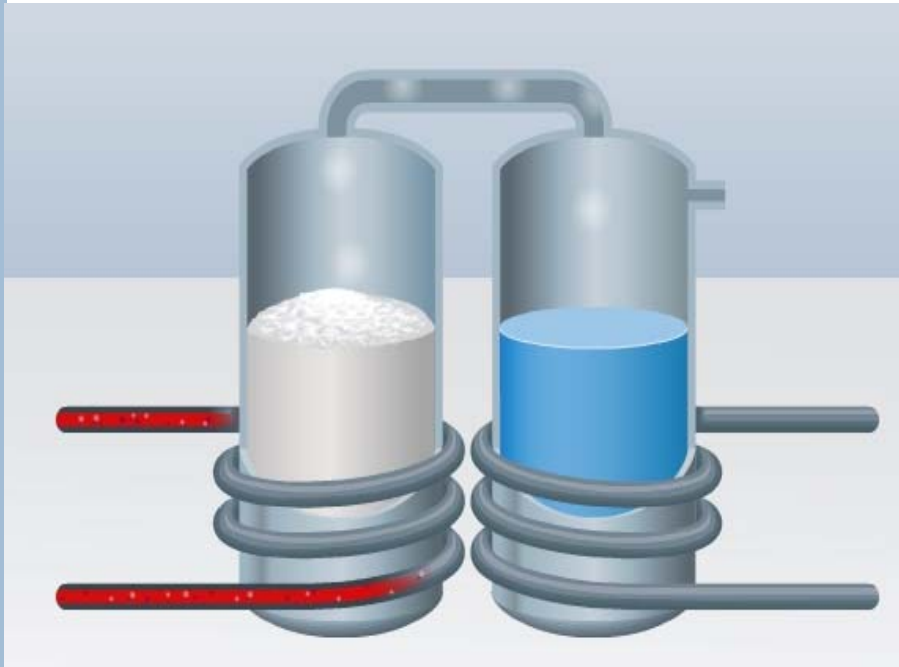
ClimateWell has been selected by The Guardian as one of the companies most likely to change the world.



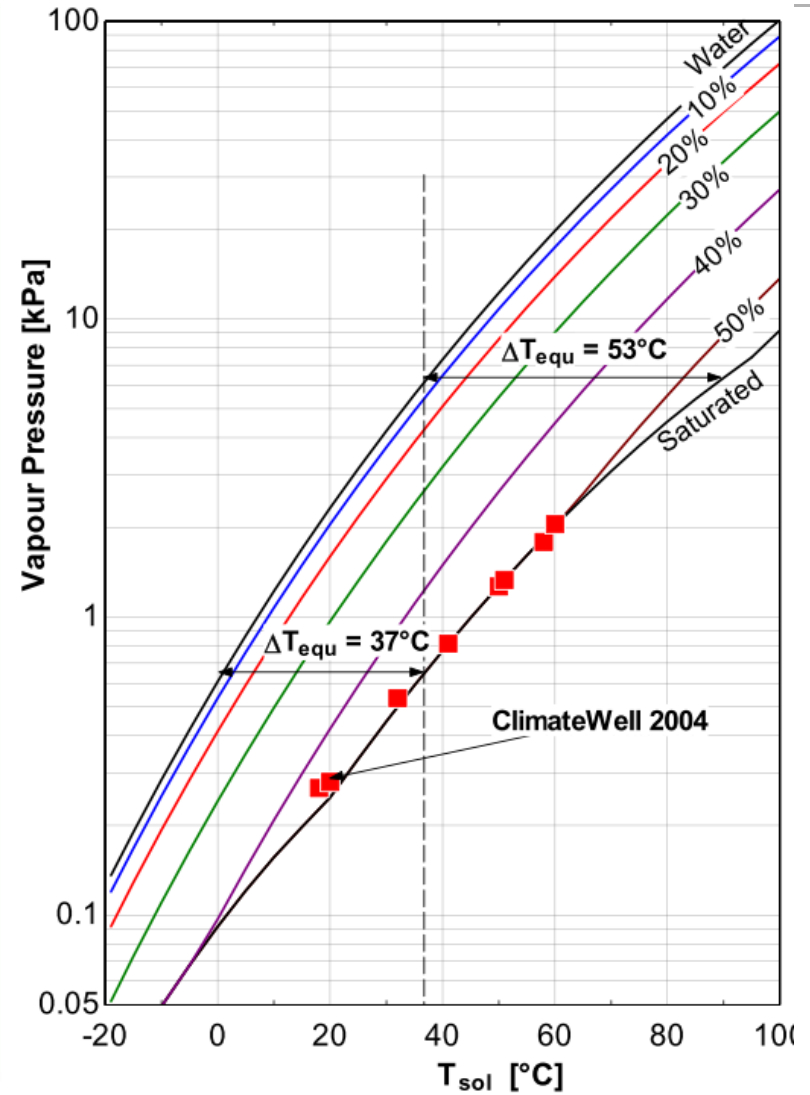
ClimateWell received the Energy award from Actualidad economica in their Top 100 ideas of the year.



Triple State Absorption with ClimateWell



LiCl-Water Solution Pure Water



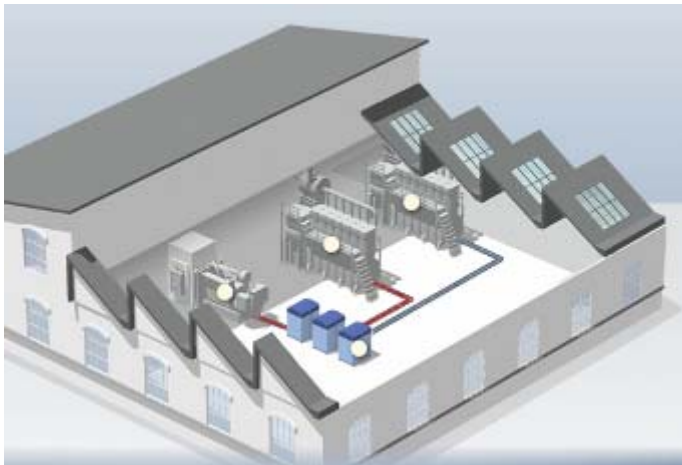
Solutions for different segments



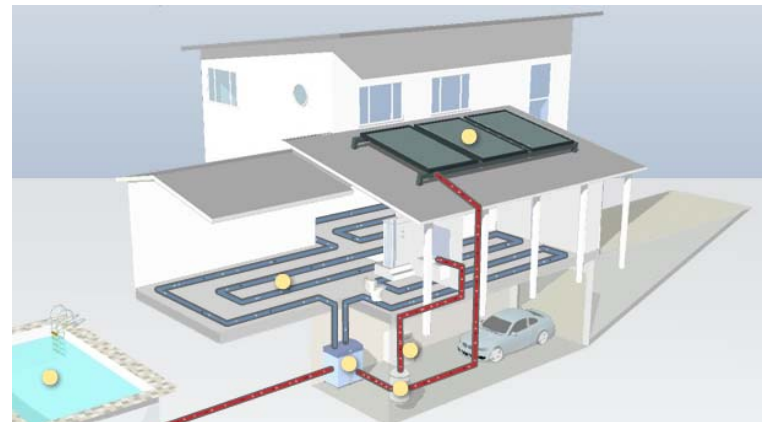
Blocks of flats



Hospitals, hotels and shopping malls



Industrial applications



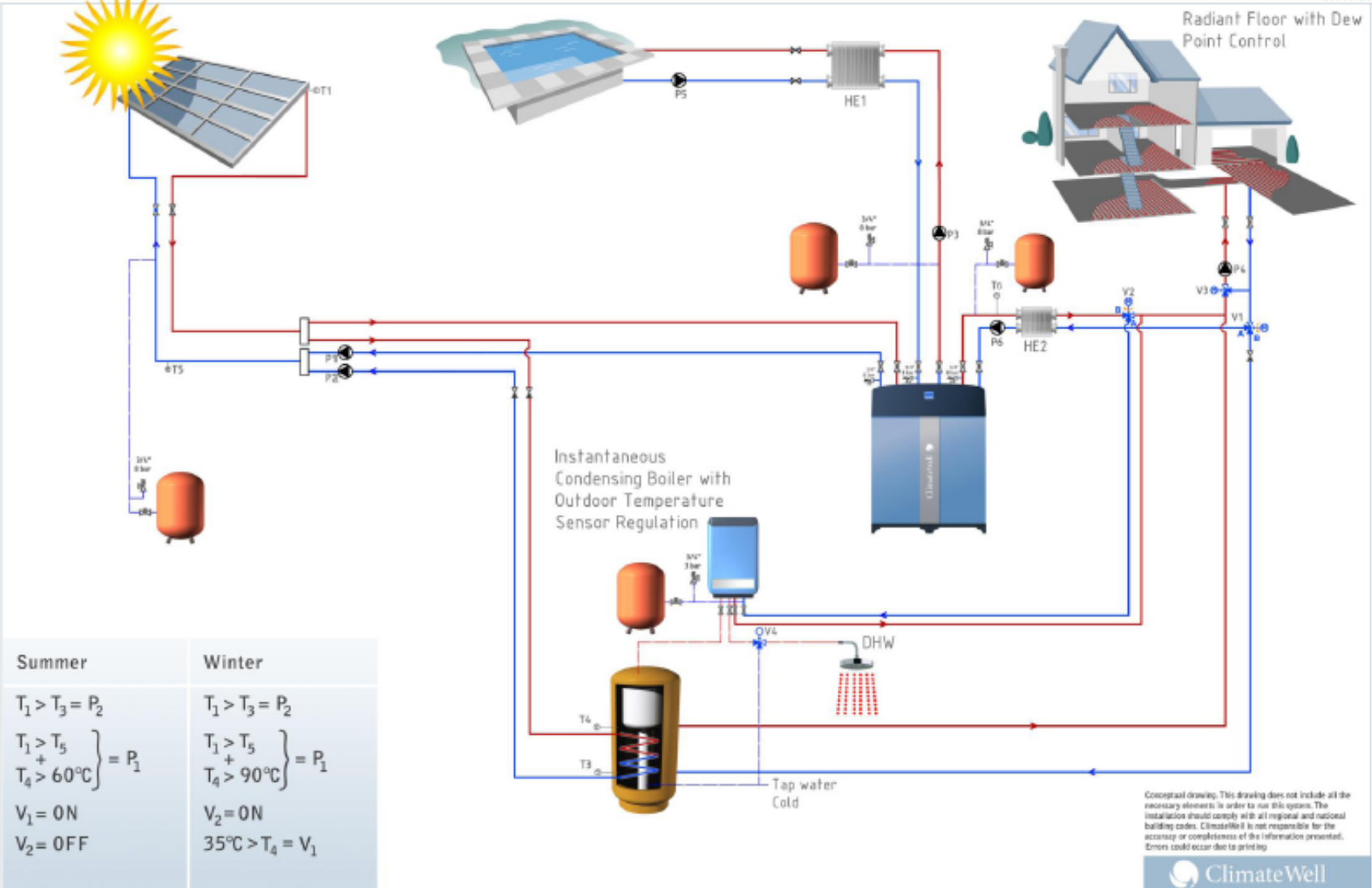
Single family homes



Single Family Schematics

ClimateWell's Recommended Solar System
Single Family 2

25090429



Installation examples



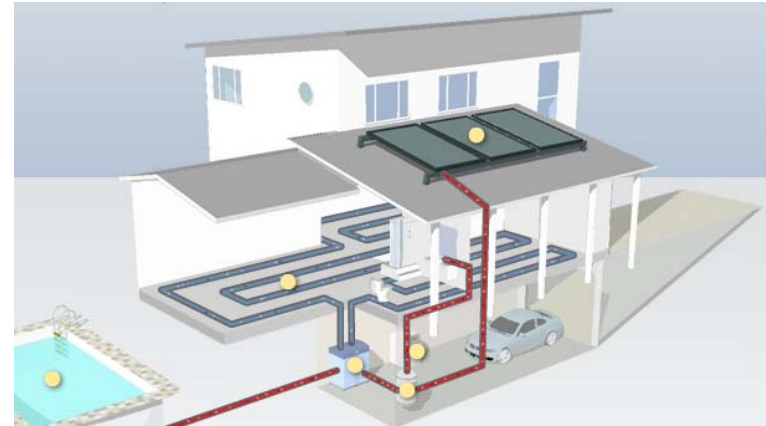
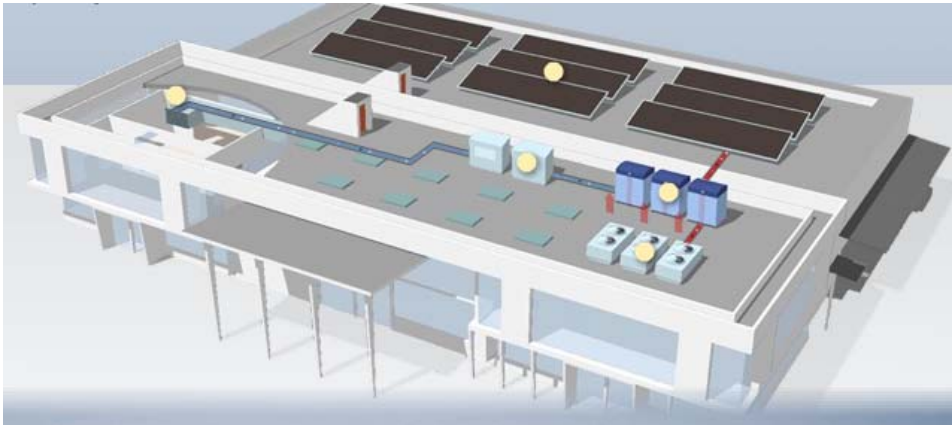
Thank You

Questions?



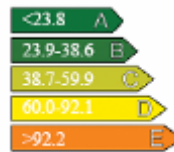
ClimateWell – Solar powered indoor climate

- Solar Cooling[®], heating, DHW and pool heating
- Profitable from Day 1
- Renewable and clean energy – Sustainable
- Commercial buildings and dwellings



With Solar Cooling you will feel better...and so will the Environment!

- Maximum comfort
- Superior interior design with *Invisible indoor climate* from Uponor
- Totally silent heating and Air conditioning
- Class A energy efficiency
- Free cooling
- Immediate saving due to lower energy costs
- Independency of changes in energy prices
- Contribution to a better world by reducing CO₂ emissions by 15.000 kilos per year



ClimateWell 10 – A unique product



- Continuous delivery of heating and cooling, around the clock
- Energy storage in integrated “chemical batteries”
- Dimensioned to provide indoor climate comfort for some 200 m² of surface. Completely modular and hence scales for larger installations.



	Heating	Cooling
Power (kW)	20	10
Energy storage (kWh)	76	50

